



**I. Product & Company Identification**

Product Name:	Eco-Tuff Non-Skid Coating (Base 1 & Base 2)	Product Code:	ET-7003-7006
Emergency Phone #:	(602)305-9397	Date Prepared:	05/01/14
Manufacturer:	Eco Safety Products	Emergency #:	602-305-9397
2921 W. Culver St., Bldg. 4B, Phoenix, AZ 85009 U.S.A.			

**II. Hazards Identification**

**Emergency Overview:** Mild liquid mixture. Prolonged exposure to eyes or skin may cause irritation. Ingestion may cause gastric distress.

**Health Hazards:**

Eye Contact:	May cause slight irritation
Skin Contact:	Mild skin irritation is possible with prolonged contact.
Inhalation:	No known effects on respiratory tract. Breathing airborne particles from spraying may cause irritation.
Ingestion:	No known chronic effects. May result in abdominal discomfort, nausea, and diarrhea.

**Flammability Hazards:** This product is non-combustible. If involved in a fire, the decomposition of the ingredients will include irritating vapors.

**Reactivity Hazards:** None known.

**Environmental Hazards:** Release of this product into the environment is not expected to cause adverse effects.

**III. Composition Information on Ingredients**

Non-Hazardous Material. This product is a water-based mixture of solvent free resins and renewably sourced bio-based emulsions.

Designation	%	CAS #	PEL	TLV	NIOSH REL
Water	Trade Secret*	7732-18-5	N/A	N/A	N/A
WB Acrylic-Urethane Co-Polymer	Trade Secret*	N/A (Non-Haz)	N/A	N/A	N/A
Bio-Based Emulsion	Trade Secret*	N/A (Non-Haz)	N/A	N/A	N/A
Titanium Dioxide	0-15%	13463-67-7	10 Mg/m <sup>3</sup>	10 Mg/m <sup>3</sup>	5 Mg/m <sup>3</sup>
100% Recycled Mineral Filler (Crystalline Silica Free)	4-7%	N/A (Non-Haz)	10 Mg/m <sup>3</sup>	10 Mg/m <sup>3</sup>	5 Mg/m <sup>3</sup>
100% Recycled Rubber Granules	10-15%	N/A (Non-Haz)	N/A	N/A	N/A
Solvent-Free Thickeners	<1%	N/A (Non-Haz)	N/A	N/A	N/A
Solvent-Free Surfactants	3-10%	N/A (Non-Haz)	N/A	N/A	N/A
Matting Agent (Matte Only)	0-3%	N/A (Non-Haz)	N/A	N/A	N/A

Note: Normal application of this product poses no hazards to the release of respirable titanium dioxide or mineral filler, but grinding or sanding dried films of this product may yield respirable titanium dioxide and mineral filler.

\*The above ingredient(s) percentage is being withheld as a trade secret in accordance to OSHA Hazard Communication 1910.1200 Appendix D. The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

**IV. First Aid Measures**

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops, consult a physician.
Skin Contact:	Flush contaminated skin with plenty of water. Consult a physician if irritation develops.
Inhalation:	Move exposed person to fresh air. If irritation persists, get medical attention promptly.
Ingestion:	Do not induce vomiting. If victim is conscious give plenty of water or milk to drink. Get medical attention immediately.

**V. Fire Fighting Measures**

Flammable Limits:	Not determined.
Flash Point:	Non-flammable.
Extinguishing Media:	Dry chemical, foam, or water fog.
Firefighting Procedures:	For precaution use self-contained breathing apparatus.
Fire and Explosion Hazards:	No unusual hazards are expected.

**VI. Accidental Release Measures**

May be slippery when wet. Use caution during cleanup. Squeegee or broom spilled material and dispose in accordance with all local, state and federal regulations. Spills may be absorbed by an absorbent material and dispose as solid waste according to your local, state and federal regulations.

**VII. Handling and Storage**

Store material in a cool, dry and well-ventilated area between 40°F-90°F. Keep containers closed and air tight. Avoid freezing.

### VIII. Exposure Controls and Personal Protection

Ventilation:	General local ventilation, no special precautions.
Eye Protection:	Wear safety goggles. Protect plastic lenses.
Gloves:	Wear protective gloves to avoid possible skin irritation.
Clothing:	Wash clothing after use.
Wash Requirements:	Wash with soap and water.
Respirator:	None required. Wear protective mask if spraying material and mist exceeds acceptable levels.

### IX. Physical and Chemical Characteristics

Appearance:	White Viscous Liquid	Vapor Pressure (mm Hg):	N/A
Odor:	Mild	Vapor Density:	N/A
Odor: Threshold:	N/A	Relative Density:	N/A
pH:	8 – 9	Solubility in Water:	Soluble
Freezing Point:	32°F/0°C	Partition Coefficient:	N/A
Boiling Point:	>212°F/100°C	Auto-Ignition Temperature:	None
Evaporation Rate (H <sub>2</sub> O = 1):	<1	Decomposition Temperature:	N/A
Flammability:	Non Flammable	Viscosity:	100-120 KU
Upper/Lower Limits:	N/A	V.O.C.:	0 g/L

### X. Stability and Reactivity

Reactivity:	None	Condition to Avoid:	None Known
Chemical Stability:	Stable	Incompatible Materials:	None Known
Hazardous Reactions:	None Known	Hazardous Decomposition:	None Known

### XI. Toxicological Information

IARC Monographs has classified titanium dioxide as a 2B Classification as possibly being a human carcinogen. However, the only evidence is studies in rats at very high concentrations. Titanium dioxide where present in this product is in dispersed liquid form. Respirable titanium dioxide is only possible through sanding dry films and inhaling large concentrations without proper dust particulate mask.

Route of Entry:	Inhalation. Skin. Eyes.
Toxicological:	ACGIH Carcinogens: Titanium Dioxide (CAS 13464-67-7) A4 Not Classifiable as a Human Carcinogen IARC Monographs: Titanium Dioxide (CAS 13464-67-7) 2B Possible as a Human Carcinogen

### XII. Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment. Bioaccumulation is unlikely to be significant due to the low water solubility of this product.

### XIII. Disposal Information

Disposal of product must be in accordance with all federal, state, and local regulations.

### XIV. Transport Information

Not Regulated

### XV. Regulatory Information

Toxic Substances Control Act (TSCA): This product does not contain ingredients subject to reporting of TSCA 12 (B) if exported from the United States.

OSHA Hazard Communication Standard (29 CFR 1910.1200): Not Hazardous.

California Prop 65: To the best of our knowledge, this product does not contain ingredients on the Prop 65 substance list, which the state of California has found to cause cancer, birth defects, or other reproductive effects.

International Regulations: Consult the regulations of the applicable country of import.

### XVI. Other Information

The information given and recommendations made herein is believed to be accurate, but is not warranted to be so. The data is based upon information furnished by the manufacturers of the components of the product. It is the purchaser's responsibility before using any product to verify the operating conditions and to determine whether the product is suitable for their purposes. Furthermore, the manufacturer assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Questions regarding this product may be directed to the manufacturer in Section 1.

MSDS Last Revision: 12/01/09

### HMIS Rating:

Health	1	Reactivity	0
Fire	0	Protection	A

Protection A: Safety Glasses.

Hazard Index: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe